

CLAIMS: We claim:

1. A method of augmenting sound information, comprising:
  - a. providing a recorded stream of sound,
  - b. providing a marker of sound, comprising inserting a predetermined sound into said recorded stream of sound, and
  - c. providing a sound annotation,
 said marker of sound providing a connection or link to said sound annotation, whereby said marker of sound and sound annotation provide enhanced communication or collaboration among a plurality of users.
2. The method of claim 1 wherein inserting said predetermined sound into said stream of sound is done so that said predetermined sound is in a position that corresponds to the content of sound in said stream of sound.
3. The method of claim 1 wherein said sound annotation adds information or content relevant to said stream of sound.
4. The method of claim 1, further including creating and playing back said sound information.
5. The method of claim 1, further including playing back of said stream of sound and selectively playing back said sound annotation when said marker of sound is reached during playing back of said stream of sound.
6. The method of claim 1, further including providing security control for distributing said sound information or granting access to said sound information.
7. The method of claim 1, further including creating or playing back a second annotation of sound, linking said annotation of sound with said sound annotation, which is itself is also said stream of sound, thus nesting said sound annotations.

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8. The method of claim 1 wherein said sound information consists of sound selected from the group consisting of sounds which are below, within, and above the range of sound frequencies which can be heard by the human ear.
9. A system for distributing or providing access to recorded sound information among one or a plurality of users, comprising:
  - a. a computer system for storing, managing, and distributing said sound information which comprises:
    - 1) a stream of sound,
    - 2) at least one marker of sound, comprising a sound inserted into said stream of sound,
    - 3) a separately created sound annotation,
 said marker of sound providing a connection or link to said sound annotation,
  - b. a device for creating, selecting, and playing back said sound information, and
  - c. a communication facility for interconnecting said device and said computer system, whereby said system provides enhanced communication or collaboration among a plurality of users.
10. The system of claim 9, further including means for creating, selecting, and playing back said sound information.
11. The system of claim 9, further including means for selectively playing back said sound annotations when said marker of sound is reached during playing back of said stream of sound.
12. The system of claim 9 wherein said marker of sound is positioned in said stream of sound in a position that corresponds to the content of sound in said stream of sound.
13. The system of claim 9 wherein said sound annotation adds information or content relevant to said stream of sound.
14. The system of claim 9, further including means for providing security access control for creating, selecting, and playing back said sound information.

15. The system of claim 9, further including distributing or providing access of said sound information.
16. The system of claim 9, further including means for generating said sound information by said computer system according to predefined logic or conditions which are stored in said computer system, or generating signals for action or attention based on content of said sound information according to predefined logic or conditions which are stored in said computer system.
17. The system of claim 9, further including means for tailoring said computer system execution through user-defined operational parameters which are stored in said computer system.
18. A system for augmenting sound information, comprising:
  - a. means for recording a stream of sound,
  - b. means for inserting at least one marker or glyph into said stream of sound, said marker or glyph having a predetermined frequency,
  - c. means recording at least one sound annotation,
  - d. means for associating said annotation of sound with said marker or glyph so that when said stream of sound is played and said glyph is reached, said sound annotation can be selectively played,
 whereby said sound information provides enhanced communication or collaboration among a plurality of users.
19. The system of claim 18, further including means for playing said stream of sound and selectively playing said sound annotation when said glyph is reached.
20. The system of claim 18, further including means for inserting said marker of sound in said stream of sound in a position that corresponds to the content of sound in said stream of sound.
21. The system of claim 18, further including means for adding information or content relevant to said stream of sound.

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- 23. The system of claim 18, further including means for providing security access control for creating, selecting, and playing back said sound information.
- 24. The system of claim 18, further including means for distributing or providing access to said sound information.
- 25. The system of claim 18, further including means for creating or playing back a second annotation of sound linking said annotation of sound with said sound annotation, which is also said stream of sound, thus providing means for nesting said sound annotations.

26. A system for augmenting sound information, comprising:

- a. a sound stream recorder for recording a stream of sound,
- b. a glyph inserter for inserting at least one marker of sound or glyph of sound into said stream of sound, said marker or glyph having a sound frequency,
- c. a sound annotation recorder for recording at least one sound annotation, and
- d. a circuit for associating said annotation of sound with said marker or glyph so that when said stream of sound is played and said glyph is reached, said annotation of sound can be selectively played,

whereby said sound information provides enhanced communication or collaboration among a plurality of users.

- 27. The system of claim 26 wherein said glyph of sound is inserted in said stream of sound in a position that corresponds to the content of sound in said stream of sound.
- 28. The system of claim 26 wherein said sound annotation adds information or content relevant to said stream of sound.
- 29. The system of claim 26, further including means for providing security access control for creating, selecting, and playing back said sound information.

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30. The system of claim 26, further including means for distributing and providing access of said sound information.
31. The system of claim 26, further including means for generating said sound information according to predefined logic or conditions, and providing a plurality of signals for action or attention based on content of said sound information according to predefined logic or conditions.
32. The system of claim 26, further including means for tailoring system execution through user-defined operational parameters.

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